PATENT APPLICATION

The

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the Application of:

OHNO, et al.

Group Art Unit: 3661

Examiner: Unknown

Atty. Dkt. No.: 107391-00000

Filed: September 30, 2003

Application No.: 10/673,159

VEHICLE NAVIGATION SYSTEM ADAPTED TO IMPROVED SYSTEM For:

UPGRADE PROCEDURE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

May 19, 2005

Sir:

 \boxtimes

1.

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information item(s) listed on the attached Form PTO-SB08. Unless otherwise indicated herein, one copy of each item(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the item(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed (a) within three

| mailing | s of the U.S. filing date or the date of filing a CPA, OR (b) before the g date of a first Office Action on the merits in the present application, or (c) apanies a Request for Continued Examination. No certification or fee is ed. |
|---------|---|
| | This Information Disclosure Statement is being filed more than three is after the U.S. filing date AND after the mailing date of the first Office on the merits, but before the mailing date of a Final Rejection or Notice of ance. |
| | a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1). |
| | b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2). |

| , | | c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information. | | | | | |
|---|--|---|--|--|--|--|--|
| | 3. This Information Disclosure Statement is being filed more than the months after the U.S. filing date and after the mailing date of a Final Rejection Notice of Allowance, but before payment of the Issue Fee. Applicant(s) here petition(s) that the Information Disclosure Statement be considered. Attached our check in the amount of \$130.00 in payment of the petition fee under 37 C §1.17(i)(1). Please charge any fee deficiency or credit any overpayment Deposit Account No. 01-2300 as needed to ensure consideration of the disclosinformation. | | | | | | |
| | | a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1). | | | | | |
| | | b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2). | | | | | |
| | subjections to consider the possible consider the subjection of th | The Examiner's attention is directed to co-pending U.S. Patent Application 0/679,285, filed October 7, 2003, which is directed to related technical ct matter. The identification of this U.S. Patent Application is not to be rued as a waiver of secrecy as to that application now or upon issuance of resent application as a patent. The Examiner is respectfully requested to der the cited application and the art cited therein during examination of the nt application. | | | | | |
| | · | Respectfully submitted, Charles M. Marmelstein | | | | | |

Customer No. 004372 Arent Fox PLLC 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339

Tel: (202) 857-6000 Fax: (202) 638-4810

CMM:mso

Enclosures: Form PTO-SB08

Registration No. 25,895

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the page rest reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1445/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO/SB/08a

US-US- Complete if Known

Application Number 10/673,159

Filing Date September 30, 2003

First Named Inventor OHNO, et al.

Art Unit 3661

Examiner Name Unknown

| | | | | | | 011111111111 | | |
|---------------------------------|---|---|--------------------------------|--|--------------|-------------------------------------|-----|------|
| Sheet | | 1 of | 1 | Attorney Docl | ket Number | 107391-000 | 000 | |
| | | | _ | | | | | |
| | | | U.S. PA | ATENT DOCL | JMENTS | | | |
| Examiner Cite Document Number | | Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | | Pages, Columns, Passages or Rele | | |
| | | US- 6,763,429 | B1 | 7/13/2004 | Hiroshi HIR | AYAMA | | |
| | | US- 6,600,993 | B1 | 7/29/2003 | Michihiro KA | NEKO | | |
| | | US- 6,292,626 | B1 | 9/18/2001 | Hidefumi IN | O, et al. | | |
| | | US- 6,289,276 | B1 | 9/11/2001 | John AHRE | NS, et al. | | |
| | | US- 6,144,318 | | 11/7/2000 | Seiji HAYAS | HI, et al. | | |
| | | US- 6,121,924 | | 9/19/2000 | James MEC | K, et al. | | |
| | | US- 6,018,695 | | 1/25/2000 | John AHRE | NS, et al. | | |
| | | US- 5,951,620 | | 9/14/1999 | John AHRE | NS, et al. | | |
| | 1 | US- 5,794,164 | | 8/11/1998 | Richard BE | CKERT, et al. | | |
| | | US- 5,544,087 | | 8/6/1996 | Masahiro NA | AKAJIMA, et al. | | |
| | | US- 5,515,284 | | 5/7/1996 | Tatsuhiko A | BE | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | 1 | US- | | | | | | |
| | Ĭ | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | | | |
| | | US- | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|--------------------------|--------------|-------------------------|------------------------------|---|--------------------------------|--|---|--|
| Examiner Initials* | Cite No.¹ | Foreign Patent Document | Country Code ³ | Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T⁵ |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | İ |
| - | | | | | | | | i |
| | | | | | | | | |
| | - | | | | | | | |
| | | | | | | | | |
| | | | | <u> </u> | | - | | \vdash |
| | - | | | - | | | | 1 |
| | - | | | | | | | |
| | <u> </u> | - | | l | | | | |
| | | | | | | | | 1 |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.